

**APPARATUS AND METHODS FOR INITIALIZING
INTEGRATED CIRCUIT ADDRESSES**

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ABSTRACT

Multiple ICs communicate with a controller through a shared bus. The ICs are also joined to an output of the controller in a daisy chain configuration. Each IC includes an input for receiving a signal on a link of the daisy chain and an output for providing a signal on a link of the daisy chain. The daisy chain links are used for address initialization. Thus only one controller pin and two IC pins are required for address initialization. The daisy chain links may be used for distributing address data, or may be used for distributing an enable signal that allows an IC to store address data provided on the shared bus.

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